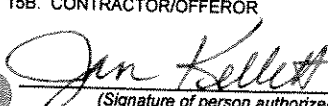
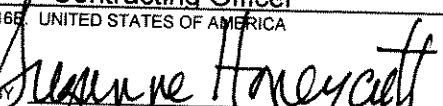


AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE 1 OF 2 PAGES	
2. AMENDMENT/MODIFICATION NO. 23		3. EFFECTIVE DATE Same as Bk. 16C		4. REQUISITION/PURCHASE REQ. NO. N/A		5. PROJECT NO. (If applicable)	
6. ISSUED BY NASA Shared Services Center Procurement Office, Bldg. 5100 Stennis Space Center, MS 39529-6000 Attn: Mark Chadwick		CODE		14. ADMINISTERED BY (If other than Item 6) CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) COMPUTER SCIENCES CORPORATION Information Technology & Science Solutions Division 7700 Hubble Drive Lanham Seabrook, MD 20706				(4)		9A. AMENDMENT OF SOLICITATION NO.	
						9B. DATED (SEE ITEM 11)	
				X		10A. MODIFICATION OF CONTRACT/ORDER NO. NNX05AA01C	
						10B. DATED (SEE ITEM 13) May 17, 2005	
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required) Not Applicable							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
14. A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Contract Section I FAR Clause 52.243-2, "Changes-Cost Reimbursement," AUG 1987 w/Alt II, APR 1984							
D. OTHER Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>3</u> copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							

Previous This Modification New Total	Negotiated Est. Cost	Potential Award Fee	Earned Award Fee	Total Contract Value	Total Funding Allotted

SEE CONTINUATION PAGE(S)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) JAN KELLETT Contract Administrator		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SUZANNE HONEYCUTT Contracting Officer	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	
15C. DATE SIGNED 03/12/2007		16C. DATE SIGNED 3/12/2007	

NSN 7540-01-152-8070

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FAR (48 CFR) 53.243

BLOCK 14 CONTINUED, DESCRIPTION OF AMENDMENT/MODIFICATION.

The purpose of this modification is to CANCEL Modification No. 21 which was issued on a unilateral basis on 24 January 2007. The following changes apply:

- A. Modification No. 21 is hereby CANCELLED in its entirety.
- B. As a result of the cancellation of Modification No. 21, replacement pages are provided herein as ATTACHMENTS to this document.

- C. List of Attachments to this document (contract replacement pages):

ATTACHMENT NO. 1 – Revisions to Sections B.1 and B.2, page 1.....1 page
ATTACHMENT NO. 2 – Revisions to Section B.3, page 2.....1 page
ATTACHMENT NO. 3 – Revisions to Section H, page 22.A.....1 page
ATTACHMENT NO. 4 – Revisions to Section I, page 30.....1 page
ATTACHMENT NO. 5 – Revisions to the PWS, pages 45 through 47.....3 pages

NOTE: The PWS remained unchanged from those originally reflected in Modification 21; however, since Modification No. 21 has been cancelled, replacement pages are provided.

- D. Except as provided herein, all terms and conditions of the document referenced in Item 10A, as heretofore changed, remain unchanged and in full force and effect.

PART I – THE SCHEDULE**SECTION B, SUPPLIES OR SERVICES AND PRICES/COSTS****B.1 SUPPLIES AND/OR SERVICES TO BE FURNISHED**

- (a) The Contractor shall provide the services in support of the NASA Shared Services Center (NSSC) as described in Section C of this contract and shall perform and/or deliver the following:

CLIN	Description	Reference	Schedule
01	Services in accordance with the PWS for Phase-in period	B.2, C.1	See F.2
02	Services in accordance with the PWS for Base period	B.2, C.1	See F.2
03	Services in accordance with the PWS for Option 1 period	B.2, C.1	See F.2
04	Services in accordance with the PWS for Option 2 period	B.2, C.1	See F.2
05	Services in accordance with the PWS for Option 3 period	B.2, C.1	See F.2
06	Services in accordance with the PWS for Option 4 period	B.2, C.1	See F.2
07	Services in accordance with the PWS for Option 5 period	B.2, C.1	See F.2

(End of Clause)

B.2 ESTIMATED COST AND AWARD FEE (NFS 1852.216-85)(SEP 1993)

- (a) The estimated costs and award fees for each period of this contract areas follows:

Item No.	Description	Estimated Cost	Maximum Available Award Fee	Total
CLIN 01	PHASE-IN			
CLIN 02	BASE PERIOD			
CLIN 03	OPTION 1			
CLIN 04	OPTION 2			
CLIN 05	OPTION 3			
CLIN 06	OPTION 4			
CLIN 07	OPTION 5			
TOTAL BASE + OPTIONS				
GRAND TOTAL				
Note:	The periods of performance for periods 01-07 are included in clause F.2 of this solicitation.			

(End of Clause)

B.3 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990):

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is [REDACTED] which represents an increase of [REDACTED]. This allotment is for services provided in support of the NASA Shared Services Center and covers the following estimated period of performance: June 1, 2005 through June 1, 2007.

(b) An additional amount of [REDACTED] is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	Previous	This Action	Current
• Target Cost	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]
• Provisional Award Fee	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]
• Earned Award Fee	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]
Total Sum Allotted	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]

(End of Clause)

B.4 OPTION TO EXTEND THE TERM OF THE CONTRACT

This contract may be extended at the option of the Government in accordance with FAR clause 52.217-9, "Option to Extend the Term of the Contract" in Section I. The option periods and prices or costs and any fees are as provided in CLINs 03-07 of clause B.2. Each Option under CLINs 03-07 can only be exercised once, but the Government may exercise more than one option at a time, provided that the options are exercised consecutively.

(End of text)

B.5 ESTIMATED COST INCREASES

(a) The requirements of this clause are in conjunction with the Limitation of Costs clause or the Limitation of Funds clause of this contract.

(b) The Contractor shall notify the Contracting Officer in writing when the Contractor has reason to believe that the total cost for performance of this contract, exclusive of any fee, will be either greater or substantially less than the total estimated cost stated in this contract. Notification shall not be delayed pending preparation of a proposal.

(c) A proposal is required to support a request for an increase in the estimated cost of the contract. The proposal should be submitted as soon as possible after the above notification but no later than 115 days before the incurred costs are expected to exceed the estimated cost. This will allow adequate time for the Government to evaluate the proposal and to mutually establish any increase in estimated cost with the Contractor.

(d)(1) The proposal shall be submitted in the following format unless some other format is directed or approved by the Contracting Officer:

H.12 SECURITY CLASSIFICATION REQUIREMENTS (NFS 1852.204-75)(SEP 1989)

Performance under this contract will involve access to and/or generation of classified information, work in a security area, or both, up to the level of **SECRET**. See Federal Acquisition Regulation clause **52.204-2** in this contract and DD Form 254, Contract Security Classification Specification, Attachment J-19 of Section J.

(End of clause)

H.13 PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (FAR 52.204-9)(NOV 2006)

(See Attachment J-20 entitled, "PIV Card Issuance Procedures," for Agency Personal Identity Verification Procedures)

(a) The Contractor shall comply with agency personal identity verification procedures identified in the contract that implement Homeland Security Presidential Directive-12 (HSPD-12), Office of Management and Budget (OMB) guidance M-05-24, as amended, and Federal Information Processing Standards Publication (FIPS PUB) Number 201, as amended.

(b) The Contractor shall insert this clause in all subcontracts when the subcontractor is required to have routine physical access to a Federally-controlled facility and/or routine access to a Federally-controlled information system.

(End of clause)

[End of Section]

I.9 AUTHORIZED DEVIATIONS IN CLAUSES (FAR 52.252-6) (Apr 1984)

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.

(b) The use in this solicitation or contract of any clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

(End of clause)

(END OF SECTION)

3.4.4.3 IT Security Engineering and Operations

The SP shall support the engineering, architecture, management, planning, implementation, maintenance, upgrade, configuration, and documentation of all NSSC IT security network monitoring and analysis devices. The SP shall implement NASA approved network monitoring and analysis devices.

The SP shall perform the following functions, including, but not limited to:

- Monitor the perimeter for penetration attempts and track and report successful penetrations.
- Provide early warning and detection of intrusions into the NSSC's network through analysis of network traffic from Internet Protocol (IP) networks, including the Internet and key signatures associated with known vulnerabilities and IT attacks.
- Analyze all firewall and IDS logs.
- Scan monthly the NSSC Site's complete address space and use the NASA provided patch verification application to ensure the mitigation or elimination of vulnerabilities to systems and networks.
- Use IDS's to detect IT attacks and to validate firewall rule sets.
- Coordinate with other NASA Centers, the NASA Integrated Services Network (NISN) Network Security Operations Center (NSOC) and other NSSC contractors, as applicable, to facilitate placement of IT security monitoring and analysis tools and to ensure scanning and patch management requirements are met.

3.4.4.4 Public Key Infrastructure

The SP shall provide NASA PKI Registration Authority (RA) services for all NSSC Site personnel (NASA, SP, and other contractors). The SP shall support the NSSC Site by providing identity checks of PKI recipients; maintaining a database for PKI digital certificates; and providing technical support for NSSC Site personnel who have questions or problems with the PKI software suite. The Customer Contact Center will be the focal point for receipt of all NSSC PKI related questions, issues or problems.

3.4.4.5 IT Security Metrics Reporting

The SP shall prepare and submit IT Security Metrics Report (DRD 3.4-4).

3.4.5 RESERVED (Moved to new Section 3.6)

3.5 CROSS CUTTING SERVICES

3.5.1 Customer Contact Center (CCC)

The NSSC operational success will be measured on achievement of customer satisfaction and cost performance goals. The SP will be expected to measure and report on customer satisfaction and cost performance measures that will serve as the basis for evaluation of the contact center. The customer base served through NSSC operations is diverse functionally, technically, geographically, and organizationally. Customers will include, but are not limited to, NASA employees, NASA functional specialists (HR, Procurement, Financial Management), general public employment inquiries, vendors, grantees, and retirees. The SP shall establish the necessary customer-focused culture and interfaces to provide timely, accurate, quality support.

The SP shall design and operate a CCC to facilitate responses to customer inquiries. The SP shall staff a CCC to receive and respond to customer inquiries. Customers should be able to make inquiries to the NSSC via telephone and other methods. For inquiries via telephone, the SP shall provide a toll-free contact center telephone number for all NSSC customers. If interactive voice response (IVR) or automatic call distributor (ACD) technology is employed, a simple menu structure will be required and customers must have the ability to "opt-out" to speak with a contact center representative at any time. Contact center personnel shall possess knowledge of the NSSC services, or be able to use knowledge-based tools to accurately respond to and resolve routine customer inquiries on the initial call. Unique inquiries that require NASA consideration shall be promptly referred to the appropriate NSSC NASA personnel for resolution. The SP should propose a process for the resolution of issues and accountability for responding to customers for issues that have been referred to NASA personnel. The SP shall also maintain the confidentiality of proprietary, personal, and sensitive information in accordance with NASA policy and all relevant and current laws and regulations. The contact center function shall include the capability to track customer inquiries from initial inquiry to final resolution. The contact center shall maintain a history of all requests from customers for assistance, including resolution. Additionally, the SP shall provide a mechanism to record and track off-hour customer inquiries.

3.5.2 Document Imaging and Electronic Data Management

The SP shall provide document imaging and electronic data management for NSSC records related to activities identified in PWS paragraphs 3.1 through 3.4. The SP shall provide effective, efficient, and adaptive document imaging and electronic data management technology to transfer current, NSSC generated, and NSSC processed documentation to an electronic environment for viewing, storage, retrieval, and enable distribution via online sources, facsimile, and email. The SP shall provide for off-site storage and retention of physical records.

3.6 NASA AND FEDERAL GOVERNMENT IT INITIATIVES (MOVED FROM 3.4.5)

The following initiatives, including, but not limited to, E-Government initiatives and NASA IT initiatives, are ongoing or forthcoming and may require SP technical support. The design, development and implementation of these initiatives are within the scope, but are not included in the workload of this PWS.

3.6.1 E-Government Support

The SP may be requested to track and provide impact assessments for NASA's implementation of Agency-wide and Federal Government IT initiatives that will impact the services provided by the NSSC. As directed, the SP shall support project management, cost estimation, scheduling, implementation recommendations, and plans to ensure the NSSC's successful migration to these Agency/Government-wide IT initiatives. In the future NASA may direct the SP to support the development and implementation of E-Government.

3.6.2 Enterprise Architecture (EA)

The SP may be requested to support the implementation of NASA's EA as part of the NSSC's Agency services, as well as the internal NSSC service environment architecture. This may include supporting (with further documentation and development) the "as is" and "to be" architecture as well as the "transition" phase of the implementation. As directed, the SP shall provide support in analyzing and developing a horizontal, data-driven model that captures NASA's business requirements and develops a component-based service oriented architecture for the provisioning of Agency services. The SP may be directed to recommend and support in the implementation of data hubs, middleware, web services, Extensible Markup Language (XML), and other EA integration tools. In addition, the SP may be directed to support the NSSC in achieving the strategic objectives and performance measures in the NASA CIO Information Resource Management Strategic Plan, IIIP and related directives which complement NASA's EA efforts. NASA may direct SP support for the development and implementation of Enterprise Architecture.

3.6.3 Support of NASA IT Initiatives

NASA may request SP support for the implementation of current or future Agency-wide IT initiatives. Current Agency-wide IT initiatives include:

- NASA Integrated Security Environment
 - NASA Account Management Systems (NAMS)
 - NASA Cyber Identity Management System (CIMS, i.e., directory services)
 - Identity Management System (IDMS) including smart cards
- Internet Protocol (IP) Address Management
- Network Security Perimeter (NSP)
- Extensible Markup Language (XML)
- Wide Area Network (WAN) Replacement

3.6.4 Integrated Asset Management Implementation Support

NASA may request SP support for the implementation of the Integrated Asset Management SAP module at the NSSC Site.